

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	68062	electromagnetic adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:03
L2	180576	absorber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:04
L3	2869	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:04
L4	585403	pores or porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:04
L5	2037	3 and "4"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:04
L6	244	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:04
L7	73494	(permeable or permeability) same gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:07
L8	12	6 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:05

L9	119281	(permeable or permeability) and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:07
L10	42	6 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:07
L11	30	10 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/23 08:13
L12	859	((342/1) or (342/2) or (342/3) or (342/4) or (342/175)).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/02/23 08:13

	Document ID	Issue Date	Current OR	Inventor
1	US 5198138 A	19930330	252/62.54	Yamamoto; Shigehisa et al
2	US 5381149 A	19950110	342/1	Dougherty; Thomas K. et al
3	US 6630414 B1	20031007	442/1	Matsumoto; Koichi
4	US 20040007169 A1	20040115	117/84	Ohtsu, Takeshi et al

SERIAL NUMBER 10612050

EAST: search history attached

FROM IEEE

Search terms: electromagnetic <and> wave <and> absorber <and> gas

1 Application of a microgenetic algorithm (MGA) to the design of broadband microwave absorbers using multiple frequency selective surface screens buried in dielectrics

Chakravarty, S.; Mittra, R.; Williams, N.R.;

Antennas and Propagation, IEEE Transactions on , Volume: 50 , Issue: 3 , March 2002

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2 Application of micro-genetic algorithm (MGA) to a class of electromagnetic analysis and synthesis problems

Mitra, R.; Chakravarty, S.; Yeo, J.;

Antennas and Propagation Society International Symposium, 2002. IEEE , Volume: 1 , 16-21 June 2002

Pages:306 - 309 vol. 1

3 Robust design of absorbers using genetic algorithms and the finite element-boundary integral method

Suomin Cui; Weile, D.S.;

Antennas and Propagation Society International Symposium, 2002. IEEE , Volume: 1 , 16-21 June 2002

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4 Incombustible electromagnetic wave absorber made of nonwoven ceramic fibers

Hatakeyama, K.; Togawa, H.;

Electromagnetic Compatibility, IEEE Transactions on , Volume: 40 , Issue: 1 , Feb. 1998

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5 VUV laser plasma formation and microwave agile mirror/absorber

Scharer, J.E.; Kelly, K.; Ding, G.; Bettenhausen, M.;

Plasma Science, 1997. IEEE Conference Record - Abstracts., 1997 IEEE International Conference on , 19-22 May 1997

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6 VUV laser plasma formation and microwave agile mirror/absorber

Scharer, J.E.; Kelly, K.; Ding, G.; Shen, W.; Bettenhausen, M.; Lam, N.T.; Synitsin, D.;

Plasma Science, 1996. IEEE Conference Record - Abstracts., 1996 IEEE International Conference on , 3-5 June 1996

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7 XUV laser plasma formation and microwave agile mirror/absorber

Scharer, J.E.; Porter, B.G.; Shen, W.; Kelley, K.; Lam, N.T.; Bettenhausen, M.; Synitsin, D.;

Plasma Science, 1995. IEEE Conference Record - Abstracts., 1995 IEEE International Conference on , 5-8 June 1995

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8 Broadband plasma absorber

Vidmar, R.J.;

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L5: (2037) 3 and "4"  
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L10: (42) 6 and 9  
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342/1  
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342/3  
342/4  
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Search Terms	Total	USPAT	US-PGP	EPO	IPQ	Derwent
1 342/1	234					
2 342/175	467					
3 342/2	73					
4 342/3	67					
5 342/4	177					
6 (342/3 OR 342/	859					

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